

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended)

~~Medium A medium~~ for cultivating and producing mites, ~~and especially mites~~ belonging to ~~at least one of the following species group consisting of~~ *Dermatophagoids pteronyssinus*, *Dermatophagoides farinae*, *Blomia kulagini* or *tropicalis*, *Pyroglyphus africanus*, and *Euroglyphus maynei*, characterized in that which is free from human or animal elements or proteins and comprises ~~in effective amount~~ amounts, a plurality of amino acids in particulate form with a particle size of less than 250 µm, or in ~~lyophilized~~ lyophilised form.

NOT
Substances
which ?
appears
in other
amendments
improperly

Amends filed ?
9/28/04
of which office
action of
12/15/04
is based
upon,

Claim 2 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that which it comprises amino acids obtained by grinding amino acids.

Claim 3 (currently amended)

~~Medium according to~~ The medium of claim 2, characterized in that which it comprises ~~lyophilised~~ lyophilized amino acids and/or amino acids obtained commercially.

Claim 4 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that which it comprises ~~lyophilised~~ lyophilized amino acids and amino acids obtained commercially.

Claim 5 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that wherein it contains salts.

Claim 6 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that wherein the mixture of amino acids contains at least 50% of amino acids which naturally make up proteins or the equivalents thereof.

Claim 7 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that wherein the mixture of amino acids reproduces the spectrum of amino acids that make up keratin or the stratum corneum.

Claim 8 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that wherein the mixture of amino acids reproduces the spectrum of amino acids present in shrimp eggs or in soya.

Claim 9 (currently amended)

~~Medium according to~~ The medium of claim 7, characterized in that wherein the respective proportions of the amino acids are similar to the quantitative proportions of the

amino acids and salts in ~~substances such as~~ keratin or the stratum corneum or shrimp eggs or soya.

Claim 10 (currently amended)

~~Medium according to~~ The medium of claim 8, characterized in that wherein the respective proportions of the amino acids are similar to the quantitative proportions of the amino acids and salts found in a substance selected from the group consisting of ~~substances such as keratin, or the stratum corneum, or shrimp eggs and or soya.~~

Claim 11 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that which it also contains other conventional elements of nutrient media for mites, intended to provide supplementary nutrition and/or give the medium a texture suitable for the development and multiplication of the mites.

Claim 12 (currently amended)

~~Medium according to~~ The medium of claim 11, characterized in that which it also contains wheat germs and/or yeast, especially baker's yeast, and/or cyanocobalamine and/or d-biotin.

Claim 13 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that which it may
~~contain~~ contains soya.

Claim 14 (currently amended)

~~Medium according to~~ The medium of claim 1, characterized in that which it
contains at least 50% of the following amino acids:

- L-alanine
- L-arginine
- L-aspartic acid
- L-cysteine/cystine
- L-glutamic acid
- glycine
- L-histidine
- L-isoleucine
- L-leucine
- L-Lysine
- L-methionine
- L-phenylalanine
- L-proline
- L-serine

- L-threonine
- L-tryptophane
- L-tyrosine and
- L-valine,

Claim 15 (currently amended)

~~Medium according to~~ The medium of claim 14, characterized in that which it
contains the amino acids in the following proportions, adding up to a total of
93.711 g:

- L-alanine	3.8 g
- L-arginine	4.2 g
- L-aspartic acid	5.2 g
- L-cysteine hydrochloride monohydrate	
expressed as L-cysteine/L-cystine	1.7 g
- L-glutamic acid	11.5 g
- glycine	2.7 g
- L-histidine	3.1 g
- L-isoleucine	5.0 g
- L-leucine	6.7 g
- L-lysine hydrochloride, expressed	
as L-lysine	5.0 g

- L-methionine	2.4 g
- L-phenylalanine	7.0 g
- L-proline	10.3 g
- L-serine	9.6 g
- L-threonine	3.8 g
- L-tryptophane	1.3 g
- L-tyrosine	0.6 g
- L-valine	5.5 g
- calcium chloride dehydrate	0.44g
- magnesium sulphate heptahydrate	0.493g
- sodium hydroxide	0.6 g
- potassium hydroxide	0.70 g <u>and</u>
- potassium chloride	0.078 g.

Claims 16 to 19 (canceled)

Claim 20 (new)

A medium of claim 1 wherein said mites belong to at least one of the following species: *Dermatophagoids pteronyssinus*, *Dermatophagoides farinae*, *Blomia kulagini* or *tropicalis*, *Pyroglyphus africanus*, and *Euroglyphus maynei*.

AMENDMENTS TO THE CLAIMS

Amendments
filed :
8/13/05

Claim 1 (currently amended)

2
2
2
A medium for cultivating and producing mites ~~group consisting of which is~~ free from human or animal substances and comprising ~~comprises~~ effective amounts[,] of a plurality of amino acids in particulate form with a particle size of less than 250 μm , or a plurality of amino acids in lyophilised form.

This
claim
NOT properly
amended

Claim 2 (previously presented)

The medium of claim 1, which comprises amino acids obtained by grinding amino acids.

Claim 3 (previously presented)

The medium of claim 2, which comprises lyophilized amino acids and/or amino acids obtained commercially.

Claim 4 (previously presented)

The medium of claim 1, which comprises lyophilized amino acids and amino acids obtained commercially.

Claim 5 (previously presented)

The medium of claim 1, wherein it contains salts.

Claim 6 (previously presented)

The medium of claim 1, wherein the mixture of amino acids contains at least 50% of amino acids which naturally make up proteins ~~or the equivalents thereof~~.

Claim 7 (previously presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids that make up keratin or the stratum corneum.

Claim 8 (previously presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids present in shrimp eggs or in soya.

2. **Claim 9 (previously presented)**

2. The medium of claim 7, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts in keratin or the stratum corneum ~~or shrimp eggs or soya~~.

2. **Claim 10 (previously presented)**

The medium of claim 8, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts found in a substance selected from the group consisting of ~~keratin, the stratum corneum, or~~ shrimp eggs and soya.

This claim not previously presented and is currently amended but not properly

This claim not previously presented either

Claim 11 (canceled)

Claim 12 (previously presented)

2. The medium of claim 1, which also contains wheat germs and/or yeast, especially baker's yeast, and/or cyanocobalamine and/or d-biotin.

*again
claim not
previously
presented*

Claim 13 (previously presented)

The medium of claim 1, which contains soya.

Claim 14 (previously presented)

The medium of claim 1, which contains at least 50% of the following amino acids:

- L-alanine
- L-arginine
- L-aspartic acid
- L-cysteine/cystine
- L-glutamic acid
- glycine
- L-histidine
- L-isoleucine
- L-leucine
- L-Lysine

- L-methionine
- L-phenylalanine
- L-proline
- L-serine
- L-threonine
- L-tryptophane
- L-tyrosine and
- L-valine.

*Note this claim
14 previously presented & correct
so why are marked
up version of previous
amend in this claim?*

Claim 15 (previously presented)

The medium of claim 14, which contains the amino acids in the following proportions, adding up to a total of 93.711 g:

- L-alanine	3.8 g
- L-arginine	4.2 g
- L-aspartic acid	5.2 g
- L-cysteine hydrochloride monohydrate	
expressed as L-cysteine/L-cystine	1.7 g
- L-glutamic acid	11.5 g
- glycine	2.7 g
- L-histidine	3.1 g
- L-isoleucine	5.0 g
- L-leucine	6.7 g

- L-lysine hydrochloride, expressed	
as L-lysine	5.0 g
- L-methionine	2.4 g
- L-phenylalanine	7.0 g
- L-proline	10.3 g
- L-serine	9.6 g
- L-threonine	3.8 g
- L-tryptophane	1.3 g
- L-tyrosine	0.6 g
- L-valine	5.5 g
- calcium chloride dehydrate	0.44g
- magnesium sulphate heptahydrate	0.493g
- sodium hydroxide	0.6 g
- potassium hydroxide	0.70 g and
- potassium chloride	0.078 g.

Claims 16 to 19 (canceled)

Claim 20 (previously presented)

A medium of claim 1 wherein said mites belong to at least one of the following species: *Dermatophagoids pteronyssinus*, *Dermatophagoides farinae*, *Blomia kulagini* or *tropicalis*, *Pyroglyphus africanus*, and *Euroglyphus maynei*.

CLAIM AMENDMENTS

1. (Currently Amended)

2. A medium for cultivating and producing mites free from human or animal substances and comprising effective amounts[[,]] of a plurality of amino acids in particulate
2. form with a particle size of less than 250 μm , or a
2. plurality of amino acids in lyophilised form.

2. (Previously Presented)

The medium of claim 1, which comprises amino acids obtained by grinding amino acids.

3. (Previously Presented)

The medium of claim 2, which comprises lyophilized amino acids and/or amino acids obtained commercially.

4. (Previously Presented)

The medium of claim 1, which comprises lyophilized amino acids and amino acids obtained commercially.

5. (Previously Presented)

The medium of claim 1, wherein it contains salts.

Amol's filed:
8/5/05

w/c allegedly
corrects itself
of 5/13/05
but does
not

6. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids contains at least 50% of amino acids which naturally make up proteins.

7. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids that make up keratin or the stratum corneum.

8. (Previously Presented)

The medium of claim 1, wherein the mixture of amino acids reproduces the spectrum of amino acids present in shrimp eggs or in soya.

2. 9. ~~(Previously Presented)~~

2. The medium of claim 7, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts in keratin or the stratum corneum.

2 → 10. (Previously Presented)

The medium of claim 8, wherein the respective proportions of the amino acids of said mixture are similar to the quantitative proportions of the amino acids and salts found in a substance selected from the group consisting of shrimp eggs and soya.

This claim was amended 5/13/05 improperly

11. (Cancelled)

2, → 12. (Previously Presented)

The medium of claim 1, which also contains wheat germ and/or yeast, especially baker's yeast, and/or cyanocobalamine and/or d-biotin.

This claim was amended 5/13/05 improperly

13. (Previously Presented)

The medium of claim 1, which contains soya.

14. (Previously Presented)

The medium of claim 1, which contains at least 50% of the following amino acids:

- L-alanine
- L-arginine
- L-aspartic acid
- L-cysteine/cystine
- L-glutamic acid
- glycine
- L-histidine
- L-isoleucine
- L-leucine
- L-Lysine
- L-methionine
- L-phenylalanine
- L-proline
- L-serine
- L-threonine
- L-tryptophane
- L-tryrosine and
- L-valine.

15. (Previously Presented)

The medium of claim 14, which contains the amino acids in the following proportions, adding up to a total of 93.711 g:

- L-alanine	3.8 g
- L-arginine	4.2 g
- L-aspartic acid	5.2 g
- L-cysteine hydrochloride monohydrate expressed as L-cysteine/L-cystine	1.7 g
- L-glutamic acid	11.5 g
glycine	2.7 g
- L-histidine	3.1 g
- L-isoleucine	5.0 g
- L-leucine	6.7 g
- L-lysine hydrochloride, expressed as L-lysine	5.0 g
- L-methionine	2.4 g
- L-phenylalanine	7.0 g
- L-proline	10.3 g
- L-serine	9.6 g
- L-threonine	3.8 g
- L-tryptophane	1.3 g
- L-tyrosine	0.6 g

- L-valine 5.5 g
- calcium chloride dehydrate 0.44g
- magnesium sulphate
heptahydrate 0.493g
- sodium hydroxide 0.6 g
- potassium hydroxide 0.70g and
- potassium chloride 0.078g.

16-19 (Cancelled)

20. (Previously Presented)

A medium of claim 1, wherein said mites belong to at least one of the following species: *Dermatophagoids pteronyssinus*, *Dermatophagoides farinae*, *Blomia kulagini* or *tropicalis*, *Pyroglyphus africanus*, and *Euroglyphus maynei*.